

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	16	Kalman and filter and "aircraft weight"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/10 16:05
L2	11	1 and @AD<"20021125"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/10 16:07
L3	1	2 and "gross weight"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/10 16:08
S1	3910	neural and weight and balance and @ad<"20021125"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/10 12:20
S2	175	S1 and flight	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/10 13:01
S3	5	"5901272"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/10 13:02
S4	10	"5751609"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/10 13:04
S5	5	"5890101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/10 16:00

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**in telecommunications networks**  
Yao, X.; Fischer, M.; Brown, G.;  
Neural Networks, 2001. Proceedings. IJCNN '01. Internati  
Conference on  
Volume 1, 15-19 July 2001 Page(s):693 - 698 vol.1  
Digital Object Identifier 10.1109/IJCNN.2001.939108  
AbstractPlus | Full Text: PDF(444 KB)   **IEEE CNF**  
Rights and Permissions
- ☐ **2. An optical neural network based on distributed hologr**  
**ATR**  
Owechko, Y.; Soffer, B.H.;  
Neural Networks, 1995. Proceedings., IEEE International (  
Volume 5, 27 Nov.-1 Dec. 1995 Page(s):2450 - 2455 vol.1  
Digital Object Identifier 10.1109/ICNN.1995.487746  
AbstractPlus | Full Text: PDF(396 KB)   **IEEE CNF**  
Rights and Permissions
- ☐ **3. Neural net decoders for some block codes**  
Jing Yuan; Chen, C.S.;  
Communications, Speech and Vision, IEE Proceedings I  
Volume 137, Issue 5, Oct. 1990 Page(s):309 - 314  
AbstractPlus | Full Text: PDF(532 KB)   **IEE JNL**
- ☐ **4. Exploiting domain-specific properties: compiling para**  
**network algorithms into efficient code**  
Prechelt, L.;  
Parallel and Distributed Systems, IEEE Transactions on  
Volume 10, Issue 11, Nov. 1999 Page(s):1105 - 1117  
Digital Object Identifier 10.1109/71.809571  
AbstractPlus | References | Full Text: PDF(244 KB)   **IEEE**  
Rights and Permissions

- ☐ **5. Neural integrated fuzzy controller (NiF-T) and real-time a ball balancing beam (BBB)**  
Ng, K.C.; Trivedi, M.M.;  
Robotics and Automation, 1996. Proceedings., 1996 IEEE Conference on  
Volume 2, 22-28 April 1996 Page(s):1590 - 1595 vol.2  
Digital Object Identifier 10.1109/ROBOT.1996.506939  
AbstractPlus | Full Text: PDF(560 KB) **IEEE CNF**  
Rights and Permissions
  
- ☐ **6. On-line hand-printing recognition with neural network:**  
Lyon, R.F.; Yaeger, L.S.;  
Microelectronics for Neural Networks, 1996., Proceedings Conference on  
12-14 Feb. 1996 Page(s):201 - 212  
Digital Object Identifier 10.1109/MNFS.1996.493792  
AbstractPlus | Full Text: PDF(1008 KB) **IEEE CNF**  
Rights and Permissions
  
- ☐ **7. A neural-net approach to supervised learning of pole l**  
Grant, E.; Zhang, B.;  
Intelligent Control, 1989. Proceedings., IEEE International 25-26 Sept. 1989 Page(s):123 - 129  
Digital Object Identifier 10.1109/ISIC.1989.238707  
AbstractPlus | Full Text: PDF(416 KB) **IEEE CNF**  
Rights and Permissions
  
- ☐ **8. Methuselah networks and optimal control**  
Cotter, N.E.; Conwell, P.R.;  
Neural Networks, 1990., 1990 IJCNN International Joint C 17-21 June 1990 Page(s):401 - 406 vol.3  
Digital Object Identifier 10.1109/IJCNN.1990.137875  
AbstractPlus | Full Text: PDF(312 KB) **IEEE CNF**  
Rights and Permissions
  
- ☐ **9. TOTEM: a digital processor for neural networks and R Search**  
Battiti, R.; Lee, P.; Sartori, A.; Tecchiolli, G.;  
Microelectronics for Neural Networks and Fuzzy Systems, of the Fourth International Conference on  
26-28 Sept. 1994 Page(s):17 - 25  
Digital Object Identifier 10.1109/ICMNN.1994.593147  
AbstractPlus | Full Text: PDF(756 KB) **IEEE CNF**  
Rights and Permissions
  
- ☐ **10. Real-time neural network control of a biped walking r**  
Miller, W.T., III;  
Control Systems Magazine, IEEE  
Volume 14, Issue 1, Feb. 1994 Page(s):41 - 48  
Digital Object Identifier 10.1109/37.257893  
AbstractPlus | Full Text: PDF(824 KB) **IEEE JNL**  
Rights and Permissions
  
- ☐ **11. A multi-objective optimization approach for training a networks**  
de A. Teixeira, R.; de P. Braga, A.; Takahashi, R.H.C.; Sa  
Neural Networks, 2000. Proceedings. Sixth Brazilian Sym 22-25 Nov. 2000 Page(s):168 - 172  
Digital Object Identifier 10.1109/SBRN.2000.889733

[AbstractPlus](#) | [Full Text: PDF\(320 KB\)](#) [IEEE CNF](#)  
[Rights and Permissions](#)

- ☐ **12. Learning dynamic balance of a biped walking robot**  
Miller, W.T., III;  
[Neural Networks, 1994. IEEE World Congress on Compu](#)  
[1994 IEEE International Conference on](#)  
Volume 5, 27 June-2 July 1994 Page(s):2771 - 2776 vol.1  
Digital Object Identifier 10.1109/ICNN.1994.374669  
[AbstractPlus](#) | [Full Text: PDF\(508 KB\)](#) [IEEE CNF](#)  
[Rights and Permissions](#)
  
- ☐ **13. Evaluation function for fault tolerant multi-layer neural networks**  
Takase, H.; Shinogi, T.; Hayashi, T.; Kita, H.;  
[Neural Networks, 2000. IJCNN 2000. Proceedings of the](#)  
[International Joint Conference on](#)  
Volume 3, 24-27 July 2000 Page(s):521 - 526 vol.3  
Digital Object Identifier 10.1109/IJCNN.2000.861361  
[AbstractPlus](#) | [Full Text: PDF\(312 KB\)](#) [IEEE CNF](#)  
[Rights and Permissions](#)
  
- ☐ **14. Similarity and pathology in neural nets**  
Arsenault, H.H.;  
[Systems, Man and Cybernetics, 1989. Conference Proce](#)  
[International Conference on](#)  
14-17 Nov. 1989 Page(s):401 - 404 vol.2  
Digital Object Identifier 10.1109/ICSMC.1989.71325  
[AbstractPlus](#) | [Full Text: PDF\(360 KB\)](#) [IEEE CNF](#)  
[Rights and Permissions](#)
  
- ☐ **15. The 'detailed balance' net: a stable asymmetric artificial neural network for unsupervised learning**  
Hollatz, J.; Schurmann, B.;  
[Neural Networks, 1990. 1990 IJCNN International Joint C](#)  
17-21 June 1990 Page(s):453 - 459 vol.3  
Digital Object Identifier 10.1109/IJCNN.1990.137882  
[AbstractPlus](#) | [Full Text: PDF\(468 KB\)](#) [IEEE CNF](#)  
[Rights and Permissions](#)
  
- ☐ **16. Weight minimization approach for fault tolerant multi-layer neural networks**  
Takase, H.; Kita, H.; Hayashi, T.;  
[Neural Networks, 2001. Proceedings. IJCNN '01. Internati](#)  
[Conference on](#)  
Volume 4, 15-19 July 2001 Page(s):2656 - 2660 vol.4  
Digital Object Identifier 10.1109/IJCNN.2001.938789  
[AbstractPlus](#) | [Full Text: PDF\(316 KB\)](#) [IEEE CNF](#)  
[Rights and Permissions](#)
  
- ☐ **17. A summary of applications of Hopfield neural network for dynamic dispatch**  
Sari Hartati, R.; El-Hawary, M.E.;  
[Electrical and Computer Engineering, 2000 Canadian Con](#)  
Volume 2, 7-10 March 2000 Page(s):707 - 711 vol.2  
Digital Object Identifier 10.1109/CCECE.2000.849556  
[AbstractPlus](#) | [Full Text: PDF\(312 KB\)](#) [IEEE CNF](#)  
[Rights and Permissions](#)

**18. Genetically designing neuro-controllers for a dynamic system**

- ☐ Dasgupta, D.; McGregor, D.R.;  
Neural Networks, 1993. IJCNN '93-Nagoya. Proceedings  
Joint Conference on  
Volume 3, 25-29 Oct. 1993 Page(s):2951 - 2954 vol.3  
Digital Object Identifier 10.1109/IJCNN.1993.714341  
AbstractPlus | Full Text: PDF(296 KB) IEEE CNF  
Rights and Permissions
  
- ☐ **19. A design method of neural oscillatory networks for ge**  
**humanoid biped walking patterns**  
Cao, M.; Kawamura, A.;  
Robotics and Automation, 1998. Proceedings. 1998 IEEE  
Conference on  
Volume 3, 16-20 May 1998 Page(s):2357 - 2362 vol.3  
Digital Object Identifier 10.1109/ROBOT.1998.680676  
AbstractPlus | Full Text: PDF(412 KB) IEEE CNF  
Rights and Permissions
  
- ☐ **20. A three-neuron controller (TNC) III**  
Alexander, J.R., Jr.; Cox, J.P.;  
Systems, Man, and Cybernetics, 1997. 'Computational Cy  
Simulation'. 1997 IEEE International Conference on  
Volume 1, 12-15 Oct. 1997 Page(s):463 - 468 vol.1  
Digital Object Identifier 10.1109/ICSMC.1997.625794  
AbstractPlus | Full Text: PDF(436 KB) IEEE CNF  
Rights and Permissions
  
- ☐ **21. Design method for neuro-fuzzy motion controllers**  
Popovici Vlad, O.; Fukuda, T.;  
Industrial Technology, 2002. IEEE ICIT '02. 2002 IEEE Int  
Conference on  
Volume 1, 11-14 Dec. 2002 Page(s):48 - 53 vol.1  
Digital Object Identifier 10.1109/ICIT.2002.1189860  
AbstractPlus | Full Text: PDF(434 KB) IEEE CNF  
Rights and Permissions
  
- ☐ **22. Decisor implementation in neural model selection by i**  
**optimization**  
Teixeira, R.A.; Braga, A.P.; Takahashi, R.H.C.; Saldanha,  
Neural Networks, 2002. SBRN 2002. Proceedings. VII Br  
11-14 Nov. 2002 Page(s):234  
Digital Object Identifier 10.1109/SBRN.2002.1181480  
AbstractPlus | Full Text: PDF(199 KB) IEEE CNF  
Rights and Permissions
  
- ☐ **23. Improved generalization and network pruning using a**  
**regularization**  
Williams, P.M.;  
Artificial Neural Networks, 1993.. Third International Confe  
25-27 May 1993 Page(s):76 - 80  
AbstractPlus | Full Text: PDF(388 KB) IEE CNF
  
- ☐ **24. Connection-oriented net model and fuzzy clustering t**  
**way circuit partitioning**  
Jin-Tai Yan;  
Computer Design: VLSI in Computers and Processors, 19  
Proceedings.. 1995 IEEE International Conference on  
2-4 Oct. 1995 Page(s):236 - 241  
Digital Object Identifier 10.1109/ICCD.1995.528816

[AbstractPlus](#) | Full Text: [PDF\(576 KB\)](#) IEEE CNF  
[Rights and Permissions](#)

- ☐ **25. Characterization and modeling of postural steadiness review**  
Prieto, T.E.; Myklebust, J.B.; Myklebust, B.M.;  
[Rehabilitation Engineering, IEEE Transactions on \[see also Neural Systems and Rehabilitation\]](#)  
Volume 1, Issue 1, March 1993 Page(s):26 - 34  
Digital Object Identifier 10.1109/86.242405  
[AbstractPlus](#) | Full Text: [PDF\(1048 KB\)](#) IEEE JNL  
[Rights and Permissions](#)
  
- ☐ **26. Improving the fit of locally weighted regression mode**  
Lewandowski, A.; Tagscherer, M.; Kindermann, L.; Protze  
[Neural Information Processing, 1999. Proceedings. ICON International Conference on](#)  
Volume 1, 16-20 Nov. 1999 Page(s):371 - 374 vol.1  
Digital Object Identifier 10.1109/ICONIP.1999.844016  
[AbstractPlus](#) | Full Text: [PDF\(284 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
  
- ☐ **27. Observations on the practical use of adaptive critics**  
Feldkamp, L.A.; Prokhorov, D.V.;  
[Systems, Man, and Cybernetics, 1997. 'Computational Cy Simulation', 1997 IEEE International Conference on](#)  
Volume 4, 12-15 Oct. 1997 Page(s):3061 - 3066 vol.4  
Digital Object Identifier 10.1109/ICSMC.1997.633057  
[AbstractPlus](#) | Full Text: [PDF\(624 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
  
- ☐ **28. Financial model calibration using consistency hints**  
Abu-Mostafa, Y.S.;  
[Neural Networks, IEEE Transactions on](#)  
Volume 12, Issue 4, July 2001 Page(s):791 - 808  
Digital Object Identifier 10.1109/72.935092  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(768 KB\)](#) IEE  
[Rights and Permissions](#)
  
- ☐ **29. Feedback control of unsupported standing in paraplegic control approach**  
Hunt, K.J.; Muih, M.; Donaldson, N. de N.;  
[Rehabilitation Engineering, IEEE Transactions on \[see also Neural Systems and Rehabilitation\]](#)  
Volume 5, Issue 4, Dec. 1997 Page(s):331 - 340  
Digital Object Identifier 10.1109/86.650287  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(248 KB\)](#) IEE  
[Rights and Permissions](#)
  
- ☐ **30. Construction of a mind model for human-robot cooperation**  
Hayashi, T.; Ohta, M.; Sankai, Y.;  
[Systems, Man and Cybernetics, 2002 IEEE International \(](#)  
Volume 5, 6-9 Oct. 2002 Page(s):6 pp. vol.5  
[AbstractPlus](#) | Full Text: [PDF\(394 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
  
- ☐ **31. A heterogeneous parallel accelerator for image analysis processing**  
Anderson, M.; Yesberg, J.D.; Yakovlev, A.J.S.; Krnak, D./

Watson, C.R.; Cavaiuolo, M.;  
System Sciences, 1992. Proceedings of the Twenty-Fifth  
Conference on  
Volume 1, 7-10 Jan. 1992 Page(s):129 - 138 vol.1  
Digital Object Identifier 10.1109/HICSS.1992.183155  
AbstractPlus | Full Text: PDF(916 KB) **IEEE CNF**  
Rights and Permissions

- ☐ **32. Complexity optimization of adaptive RBF networks**  
Leonardis, A.; Bischof, H.;  
Pattern Recognition, 1996., Proceedings of the 13th Inter  
on  
Volume 4, 25-29 Aug. 1996 Page(s):654 - 658 vol.4  
Digital Object Identifier 10.1109/ICPR.1996.547646  
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